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**BT—19—2016**

**FACULTY OF COMPUTER STUDIES**

**M.Sc. (First Semester) EXAMINATION**

**OCTOBER/NOVEMBER, 2016**

**(CBCS Pattern)**

**SOFTWARE ENGINEERING**

**Paper SE-104**

**(Client Server Technology)**

**(Wednesday, 23-11-2016)**

**Time : 10.00 a.m. to 1.00 p.m.**

*Time—3 Hours*

*Maximum Marks—75*

*N.B. :— (i) Attempt All questions.*

*(ii) Assume suitable data, if necessary.*

1. Attempt any *three* of the following : 15
  - (a) Discuss Wireless Network.
  - (b) Explain Network type.
  - (c) Explain FDDI.
  - (d) Explain Apple Talk Technology
  - (e) Explain Networking protocol.
2. Answer the following (any *three*) : 15
  - (a) Explain Network Interface Card.
  - (b) Explain OSI Reference model in detail.
  - (c) Write a short note on WAN.
  - (d) Explain advantage of Computer Network.
3. Solve the following (any *three*) : 15
  - (a) Explain Ring and Bus topology.
  - (b) Explain Twisted pair cable in detail.
  - (c) Explain Ethernet technology in detail.
  - (d) Write a short note on ARCNet.

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4. Answer the following (any *three*) : 15
- (a) Discuss Hub and Switch.
  - (b) Explain function of packet in Network.
  - (c) Explain Wireless Network 802.11.
  - (d) Write a short note on Co-Axial.
5. Answer the following (any *three*) : 15
- (a) NIC
  - (b) Explain TCP/IP reference model in detail.
  - (c) Explain Driver Software.
  - (d) Protocol Hierarchy.

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